

## 03040202-020

(Hills Creek)

### General Description

Watershed 03040202-020 (**incorporating (03040105-080)**) is located in Chesterfield County and consists primarily of **Hills Creek** and its tributaries. The watershed occupies 15,443 acres of the Piedmont region of South Carolina. The predominant soil types consist of an association of the Tatum-Whitestone-Georgeville series. The erodibility of the soil (K) averages 0.38; the slope of the terrain averages 9%, with a range of 0-25%. Land use/land cover in the watershed includes: 47.6% agricultural land, 32.7% forested land, 12.4% scrub/shrub land, 3.9% urban land, 3.0% barren land, and 0.4% water.

Hills Creek originates near the Town of Pageland and accepts the drainage of Mangum Branch, Cow Head Branch, and Conway Branch before flowing into the Lynches River. Mill Creek originates near the headwaters of Mangum Creek and flows into North Carolina. There are several ponds (totaling 58.6 acres) in this watershed and a total of 50.2 stream miles, all classified FW.

### Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
PD-672	BIO	FW	HILLS CREEK AT S-13-105
PD-333	S	FW	HILLS CREEK AT S-13-105

**Hills Creek** - There are two monitoring sites along Hills Creek. Aquatic life uses are partially supported at the upstream site (**PD-672**) based on macroinvertebrate community data. At the downstream site (**PD-333**), aquatic life uses are fully supported, but recreational uses are not supported due to fecal coliform bacteria excursions.

### NPDES Program

#### Active NPDES Facilities

<b>RECEIVING STREAM FACILITY NAME PERMITTED FLOW @ PIPE (MGD) COMMENT</b>	<b>NPDES# TYPE LIMITATION</b>
HILLS CREEK TOWN OF PAGELAND/NORTHWEST PLANT PIPE #: 001 FLOW: 0.3 WQL FOR DO,TRC,NH3N,BOD5	SC0021504 MINOR DOMESTIC WATER QUALITY

### Growth Potential

There is a low to moderate potential for growth in this watershed, which includes a portion of the Town of Pageland. The northeast corner of the watershed is the edge of the Charlotte Metroplex and future growth is expected. Pageland and the area immediately outside of the town have water and sewer service. In addition, water service has recently been extended to the Lynches River Industrial Park,



located along the S.C. Hwy. 151/U.S. Hwy. 601 corridor. Wal-Mart has constructed a food distribution center in the park and is currently expanding it, and spillover development from the park is expected. The section of U.S. Hwy. 601 north to Charlotte is scheduled for widening in the next five years to four lanes.